



**CONESTOGA-ROVERS
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January 21, 2010

Reference No. 038443

Ms. Karen Cibulskis
Remedial Project Manager
United States Environmental Protection Agency - Region V
77 West Jackson Boulevard
Mail Code SR-6J
Chicago, IL 60604

Dear Ms. Cibulskis:

Re: Scope of Streamlined and Conventional Feasibility Study (FS) Reports
Administrative Settlement Agreement and Order on Consent (ASAOC)
Docket Number V-W-06-C-582
South Dayton Dump and Landfill Site, Moraine, Ohio (Site)

This letter documents the ASAOC Respondents' proposed scope for the Streamlined FS for the Site.

On January 10, 2008, Conestoga-Rovers & Associates (CRA) received, on behalf of the Respondents, USEPA's January 9, 2008 comments on the draft RI/FS Work Plan (CRA, January 2007). The comment letter included a Streamlined Risk Assessment (SRA) produced by USEPA and a request that the Respondents consider a Presumptive Remedy for the entire area within the Site boundaries. USEPA's January 9, 2008 letter also proposed defining two operable units for the Site: the on-Site Presumptive Remedy area (OU1); and the off-Site conventional RI/FS area (OU2). USEPA's letter stated that this approach was being proposed to the Respondents as "Additional Work" in accordance with Section IX of the ASAOC. USEPA's proposal is a material change from the approach agreed upon by the parties in the ASAOC.

Pursuant to USEPA's agreement to meet and discuss the January 9, 2008 letter, the Respondents met with USEPA, the State of Ohio, and USEPA's contractors on five separate occasions in January, February, and March 2008 to discuss USEPA's proposal. As discussed in those meetings, the Respondents believed that evaluation of a presumptive remedy required the collection of RI data. Although USEPA did not agree with this position, USEPA did agree to allow the Respondents to collect RI data before providing a response to USEPA's presumptive remedy proposal. The USEPA also agreed that the work to collect the RI data would be considered to be RI/FS work under the ASAOC.



Over the course of the five meetings in early 2008 the Respondents and the USEPA discussed the scope of the RI data collection. The Respondents then prepared and submitted Letter Work Plans to USEPA in March 2008. Based on data collected during the work the Respondents identified additional data requirements and proposed work to obtain these additional data on the Dayton Power & Light (DP&L) property to the east of the Site.

The Respondents agreed to respond to USEPA's proposal to complete a "streamlined FS" following performance of the work described in the Letter Work Plans. The Respondents committed to use the data generated during the Site investigation to identify portions of the Site that the Respondents believe are appropriate for a Streamlined FS process and portions of the Site that the Respondents believe should follow the conventional FS process. The RI data collection is now largely complete with the additional work on the DP&L property scheduled for completion in early 2010. Accordingly, the Respondents have prepared this letter to document the proposed scope of the Streamlined FS.

Based on the data collected to date, the Respondents propose to include the non-groundwater portion of the Site excluding the Quarry Pond in the Streamlined FS process. Figure 1 shows the proposed area with the Site boundary and Quarry Pond limits identified. The Streamlined FS will consider containment as the appropriate remedial approach, and thus will evaluate capping and landfill gas and soil vapor requirements and will take into consideration the following:

- Human health and ecological risks posed by the contaminants present in these areas
- The nature of the waste disposed of on the various Parcels in question
- The applicable or relevant and appropriate requirements (ARARs) specific to the types of waste disposed of at the Site
- The presence of active businesses on a number of the Parcels

The streamlined FS will include a risk assessment, ARARs analysis, remedial action objectives, alternatives array, and detailed evaluation of containment options. The RI data reported in the various letter reports will be included by reference.

CRA's evaluation of the RI groundwater data indicates the presence of both shallow and deep groundwater contamination beneath the Site. However, the data also indicate the presence of off-Site groundwater contamination, both upgradient and downgradient in both the shallow and deeper portions of the aquifer. The Respondents have not yet determined the source(s), nature, and extent of the broader-area groundwater impacts. Accordingly, any proposed remedy for the groundwater impacts beneath the Site must first include an evaluation of the broader-area groundwater impacts. A groundwater remedy tailored solely to the



**CONESTOGA-ROVERS
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January 21, 2010

3

Reference No. 038443

contamination beneath the Site may exacerbate any future remediation of the off-Site groundwater impacts. Thus, the Respondents propose to address the groundwater and light non-aqueous phase liquid (LNAPL) through the conventional FS process.

The conventional FS will include a baseline risk assessment, ARARs analysis, remedial action objectives, alternatives array, and detailed evaluation of alternatives. The RI data reported in the various letter reports will be included by reference.

We will call you to arrange a time to meet and discuss the proposed FS approach. Provided the Respondents and EPA can meet and agree on the scope of the streamlined FS by February 15, 2010, the Respondents propose to submit the streamlined FS to USEPA by March 31, 2010. The work associated with the conventional FS will commence immediately following submission of the streamlined FS and the Respondents will discuss the schedule for the conventional FS with USEPA.

In the meantime, please call the undersigned if you have any questions or comments.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

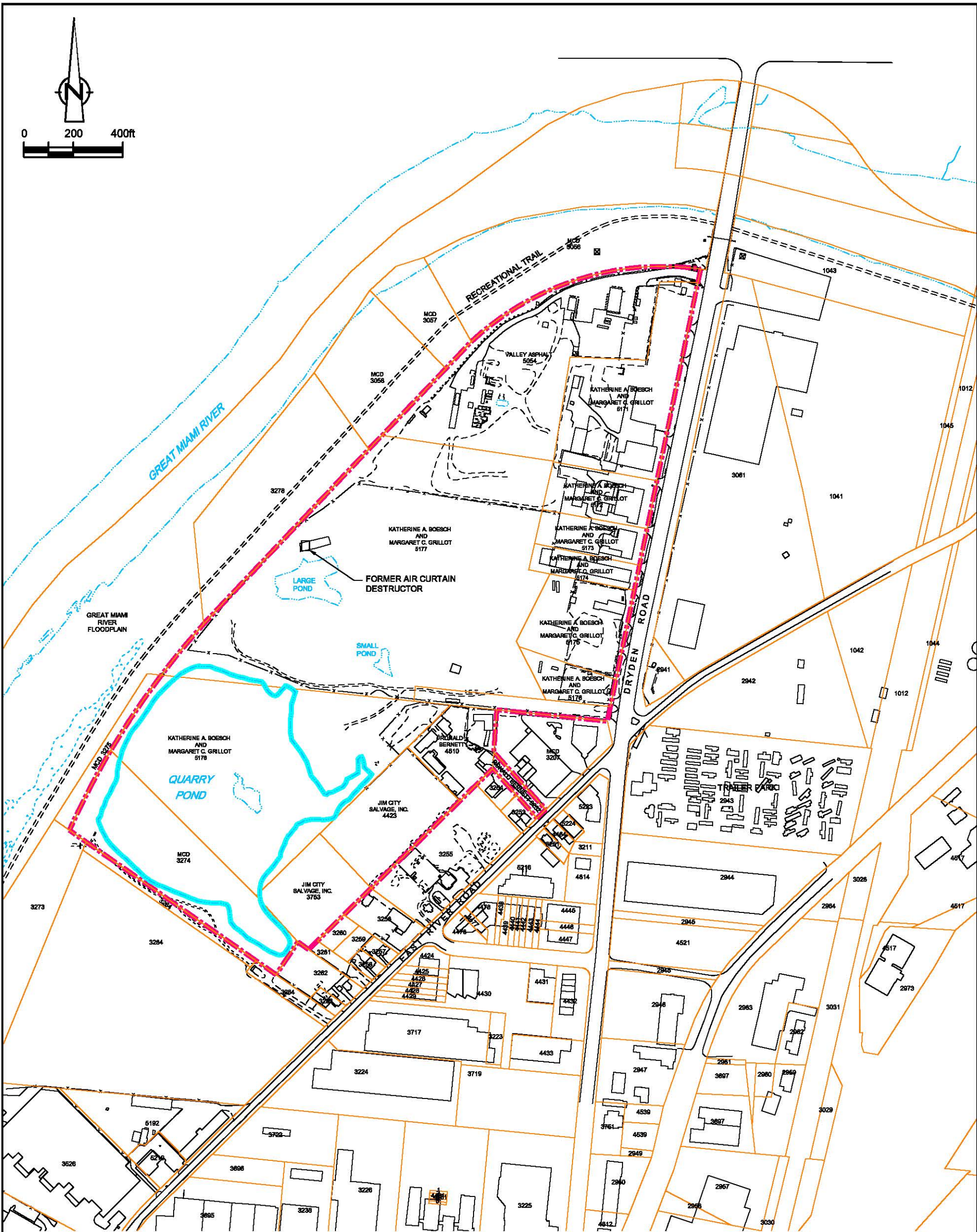
Stephen M. Quigley

VC/ca/74

Encl.

cc: Tim Prendiville, USEPA (PDF)
Matt Justice, Ohio EPA (PDF)
Robert Frank, CH2M Hill (PDF)
Scott Blackhurst, Kelsey Hayes Company (PDF)
Wray Blattner, Thompson Hine (PDF)
Ken Brown, ITW (PDF)
Jim Campbell, EMI (PDF)
Tim Hoffman, Dinsmore & Shohl (PDF)

Paul Jack, Castle Bay (PDF)
Robin Lunn, Winston & Strawn (PDF)
Roger McCready, NCR (PDF)
Karen Mignone, Verrill Dana (PDF)
Lou Almeida, CRA (PDF)
Adam Loney, CRA (PDF)



LEGEND

- SITE BOUNDARY (SOW 2006)
- PARCEL BOUNDARY
- PARCEL NUMBER
- EDGE OF WATER
- QUARRY POND LIMITS

figure 1
SITE MAP
SOUTH DAYTON DUMP AND LANDFILL SITE
Moraine, Ohio



SOURCES:
THE PAYNE FIRM, INC., PROJECT 0279.44.05, FIGURE 1, DATED 9/12/05;
TETRA TECH EM INC., PROJECT L0312006-SOUTH DAYTON DUMP, FIGURE 2, SITE LAYOUT, 05/25/2004;
CITY OF MORAINES
ABRAMS AERIAL SURVEY INC. PROJECT 38443, AASI 29810, 04/02/2008